

a

HCC-3L

ALB
4 5 6COL1A1
0 1 2 3 4AKR1B10
0.0 0.5 1.0 1.5 2.0

region

- Normal
- Stromal
- Tumor

b

HCC-4L

ALB
4.5 5.0 5.5 6.0 6.5 7.0COL1A1
0 1 2 3 4AKR1B10
0 1 2

region

- Normal
- Stromal
- Tumor